

Arizona FirstNet

Presentation to Pima County Wireless Integrated Network (PCWIN) Board Meeting

December 12, 2013



FirstNet

Overview



- Nationwide Public Safety Broadband Network
- State and Local Implementation Grant Program (SLIGP)
- Next Steps
- What does FirstNet mean to Arizona's Regional Systems



Nationwide Public Safety Broadband Network



- Nationwide 4G LTE network with dedicated spectrum
- Built for the needs of public safety users (primary and secondary)
- Standards based technology to provide reliability, resiliency, security, and interoperability
- \$7 Billion funding for initial build-out
- Self-sustaining fee-based network with potential for public/private partnerships and sharing of State, Local and Tribal infrastructure to lower costs
- Will be built and operated by FirstNet - an independent authority within the National Telecommunications & Information Administration (NTIA)



FirstNet exists to serve public safety.

PERCEPTION

Public safety may have to give up autonomy and control.



Public safety will lose management of devices, users and talk groups.



FirstNet will cost too much to build and operate.



States can use FirstNet spectrum to generate revenue.



FirstNet will replace LMR networks.



FirstNet has already begun designing the network.



REALITY



FirstNet will be a nationwide platform; Public safety sets rules locally.

Public safety will maintain local management.

FirstNet has substantial opportunities to partner to lower construction and operating costs.

Fees from the use of FirstNet spectrum must, by law, be reinvested to build, operate, maintain, and improve the network.

FirstNet will augment LMR for many years.

FirstNet is in the research and analysis phase and must have input from states and territories to design the network.

SLIGP



- FirstNet is required to work with State, Local and Tribal jurisdictions to define boundaries, roles and responsibilities, and the design/build-out of the NPSBN
- The State and Local Implementation Grant Program (SLIGP) provides \$135M nationally for states to perform outreach and collect data for planning the NPSBN
 - Arizona's portion is ~\$3 million
- Two main components of the SLIGP:
 - **Education and Outreach:** to inform and educate public safety stakeholders statewide; to determine how the new technology may impact governance and operations
 - **Data Collection and Coverage:** to collect agency data, coverage requirements, budget considerations, to determine possible participants and possible shared infrastructure



Next Steps



- Grant awarded August 16th
- Develop the detailed Education and Outreach Plan to assure all State, Local and Tribal entities have the opportunity to attend , learn and provide feedback
- Develop Education and Outreach content working with the AZPSBN Workgroup
- Data Collection & Coverage content dependent on FirstNet specifications
- Regional Systems Board meetings: December - March
- County Kickoffs: January - June



What does FirstNet mean to Regional Systems



- Regional systems are already a form of “Self-sustaining fee-based network” and match the model proposed by FirstNet. Could public safety broadband functionality be looked at as simply an added service for regional wireless systems users?
- FirstNet is asking for possible shared infrastructure and will adjust user fees based on the “value” of the infrastructure provided
- The “value” and net settlement process has not yet been defined
- Not clear whether FirstNet will negotiate with jurisdictions or regional systems (however, the fewer the negotiations the better)



More Information



Track this Initiative on the PSIC Office Website [Broadband page](#)

Sign up for our Interested Parties [email list](#)

Discussion; Questions?

Thank You!

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